

REMARKS

Claims 1-20 remain in the application for consideration of the Examiner with Claims 21-38 standing cancelled.

Reconsideration and withdrawal of the outstanding rejections are respectfully requested in light of the above amendments and following remarks.

The Abstract of the disclosure was objected to.

By the instant amendment, the original Abstract has been cancelled and a new Abstract has been provided.

It is respectfully submitted that the new Abstract overcomes the objections.

It is respectfully submitted that the Abstract is in full compliance with MPEP § 608.01(b).

Claims 21-34 were rejected under 35 U.S.C. § 102(e) as being anticipated by Andoh; Claims 1, 2, and 4-10 were rejected under 35 U.S.C. § 103 as being unpatentable over Andoh in view of Mujtaba; and Claims 11-20 and 35-38 were rejected under 35 U.S.C. § 103 as being unpatentable over Mujtaba in view of Katsuragawa.

These rejections are respectfully traversed.

It is respectfully submitted that Andoh does not disclose or suggest the presently claimed invention including the partial pretraceback.

Applicants agree with the Examiner, as evidenced by page 6 of the Office Action, that Andoh does not disclose a Traceback unit.

It is respectfully submitted that Mujtaba does not disclose or suggest the presently claimed invention including a Traceback unit including a partial pretraceback.

The Examiner alleges that Mujtaba discloses a Traceback unit in the Abstract. However, this does not cure the above noted deficiencies.

Furthermore, whether or not Katsuragawa discloses a channel conditioning estimated method and whether or not one of ordinary skill in the art would consider modifying either Mujtaba or Andoh is of no moment since the resulting construction would still in no way disclose or suggest the presently claimed invention.

Applicants appreciate the indication that if Claim 3 was amended to include the limitations of the base claim and any intervening claims, this claim would be allowable.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



W. Daniel Swayze, Jr.
Attorney for Applicant
Reg. No. 34,478

Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265
(972) 917-5633